

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 85660

Title: Safety and outcomes of hip and knee replacement surgery in liver transplant recipients

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03034605

Position: Editorial Board

Academic degree: MBBS, MCh, MD

Professional title: Assistant Professor, Attending Doctor, Chief Doctor, Consultant Physician-Scientist, Surgeon

Reviewer's Country/Territory: India

Author's Country/Territory: United States

Manuscript submission date: 2023-07-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-15 15:42

Reviewer performed review: 2023-07-24 03:01

Review time: 8 Days and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty

Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation
Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors have conducted an important study to determine the outcomes of total joint replacement in liver transplant recipients. I have following comments regarding the manuscript.

1. Please mention the inclusion and exclusion criteria in details. For example, were patients with combined liver and kidney transplants included in this study?
2. Please compare the indications of total joint replacement between the two groups.
3. Please compare important preoperative and intraoperative variables such as BMI, preoperative comorbidities, degree of immunosuppression, time interval between the liver transplant and joint replacement, performance status of the patient before joint replacement, liver and kidney functions of the patients before joint replacement, intraoperative blood loss, etc. between the two groups to overcome the potential bias by confounding factors.
4. Please cite the tables at the appropriate places in the manuscript.
5. Please mention the duration of the hospital stay of the two groups.
- 6.

Please discuss the reasons for acute kidney injury in the Discussion section. 7. Please avoid repetition of results in the Discussion section. 8. Please mention the reasons for mortality in the study patients.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04382733

Position: Peer Reviewer

Academic degree: DO, PhD

Professional title: Consultant Physician-Scientist, Doctor, Medical Assistant

Reviewer's Country/Territory: Brazil

Author's Country/Territory: United States

Manuscript submission date: 2023-07-15

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-08-06 22:17

Reviewer performed review: 2023-08-09 00:18

Review time: 2 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Well-written article, sound scientific quality. Minor revision was recommended, including analysis of risk factors for renal complications such as NSAID prescription. I also felt a Table should summarize the findings. I congratulate the authors on this well-written article, with sound scientific quality. I recommend including analysis of risk factors for renal complications such as NSAID prescription. I also missed a Table to visualize your findings.